	Application No.	Applicant(s)
Notice of Allowability	09/770,762	WRIGHT ET AL.
	Examiner	**Art Unit**	
	Philip C. Lee	2152	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *08/15/2007*.

2. ☒ The allowed claim(s) is/are *30-40 and 52*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

      Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *10/22/07* .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

/ JEFFREY PWU
SUPERVISORY PATENT EXAMINER

1.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

2.   Authorization for this examiner's amendment was given in a telephone interview with

Ronald M. Pomerenke, reg. no. 43,009, on October 22, 2007.

3.   The application has been amended as follows:

a.   Replace claim 30 to read as of the following,

In Claim 30,

30.   (Currently Amended) A method of communicating, the method comprising:
        maintaining a connection, via a network, between a first proxy on a first server and a
                second proxy on a second server;
        while maintaining the connection:
                a plurality of first processes on the first server communicating with a plurality of
                second processes on the second server via the connection by:
                the plurality of first processes exchanging data with the first proxy via
                        shared memory, wherein each of the plurality of first processes is
                        assigned a unique region of the shared memory, and wherein each
                        unique region of the shared memory has associated therewith a
                        process virtual device driver and a proxy virtual device driver is

~~associated with each unique region,~~ and wherein each process virtual device driver is configured to cooperate with one of the proxy virtual device drivers to regulate data flow being inputted to and outputted from one of the unique regions of the shared memory; and

wherein the plurality of first processes exchanging the data with the first proxy includes~~, for each first process of the plurality of first processes:~~

a given process of the plurality of first processes reading from and writing to, under regulation of the process virtual device driver that is associated with the unique region assigned to the given process, the unique region assigned to the given process; and

the first proxy reading from and writing to, under regulation of the proxy virtual device driver that is associated with the unique region assigned to the given process, the unique region assigned to the given process;

~~the each first process writing data to the respective unique region assigned to the each first process, and the first proxy reading data from the respective unique region assigned to the each first process; and~~

~~the first proxy writing data to the respective unique region assigned to the each first process, and the each first process reading data from the respective unique region assigned to the each first process;~~

~~wherein each first process reads from and writes to its respective unique region under regulation of the virtual device driver that is associated with the respective unique region; and wherein the first proxy reads from and writes to the respective unique regions under regulation of one or more virtual device drivers;~~

the first proxy exchanging the data via the connection with the second

proxy; and

the second proxy exchanging the data with the plurality of second

processes.

b.   Replace claim 40 to read as of the following,

In Claim 40,

40.   (Currently Amended) A communication system, comprising:

a first server comprising:

a plurality of first processes;

a first proxy; and

a first shared memory having a plurality of first slots to store first data to be

exchanged between the first processes and the first proxy; each first slot

being assigned to a particular one of the first processes;

a plurality of process virtual device drivers, wherein each first slot of the shared

memory has associated therewith at least one of the process virtual device

drivers being assigned to each first slot to regulate data flow into and out

of the first slots of the shared memory;

a plurality of proxy virtual device drivers, wherein each first slot of the shared

memory has associated therewith [[each]] one of the proxy virtual device

drivers corresponding to one of the process virtual device drivers;

wherein each process virtual device driver is configured to cooperate with one of

the proxy virtual device drivers to regulate data flow being inputted to and

outputted from one of the first slots of the shared memory

a second server comprising:

a plurality of second processes;

a second proxy; and

a second shared memory having a plurality of second slots to store second data to

be exchanged between the second processes and the second proxy; each

second slot being assigned to a particular one of the second processes;

wherein the first proxy is configured to maintain a connection, via a network, with the

second proxy;

wherein the first proxy and the second proxy are configured to exchange the first data and

the second data via the connection to allow the plurality of first processes to

communicate with the plurality of second processes; and

wherein the first proxy and the plurality of first processes exchange data by, ~~for each first~~

~~process of the plurality of first processes~~:

a given process of the first processes reading from and writing to, under

regulation of the process virtual device driver that is associated with the

first slot assigned to the given process, the first slot assigned to the given

process; and

the first proxy reading from and writing to, under regulation of the proxy virtual

device driver that is associated with the first slot assigned to the given

process, the first slot assigned to the given process

~~each first process writing data to a respective slot assigned to the each first~~

~~process, and the first proxy reading data from the respective slot assigned~~

~~to the each first process; and~~

~~the first proxy writing data to the respective slot assigned to the each first process,~~

~~and the each first process reading data from the respective slot assigned to~~

~~the each first process~~

~~wherein each process virtual device driver is configured to cooperate with the~~

~~corresponding proxy virtual device driver to regulate data being inputted~~

~~to and outputted from the corresponding first slot.~~

c.   Cancel claims 42-51.

4.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Philip C Lee whose telephone number is (571)272-3967. The

examiner can normally be reached on 8 AM TO 5:30 PM Monday to Thursday and every other

Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Bunjob Jaroenchonwanit can be reached on (571) 272-3913. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

P.L.

JEFFREY PWU
SUPERVISORY PATENT EXAMINER